

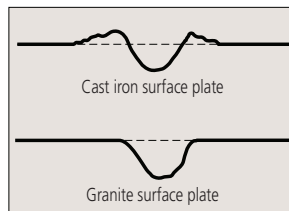
# Black Granite Surface Plate

## SERIES 517

### FEATURES

- Natural granite seasoned for thousands of years is free from deterioration or dimensional change over time.
- Granite surface plate has many advantages over cast iron surface plates:  
Twice as hard as cast iron.  
Minimal changes in dimension due to temperature changes.
- Free from wringing, so there is no interruption of work.

- Free from burrs or protrusions because of the fine grain structure and insignificant stickiness; this ensures a high degree of flatness over a long service life and causes no damage to other parts or instruments.



- Trouble-free operation for use with magnetic materials.
- Long life and rust-free, resulting in low maintenance costs.
- Steel stands are optional.



(Refer to the page 9 for details.)

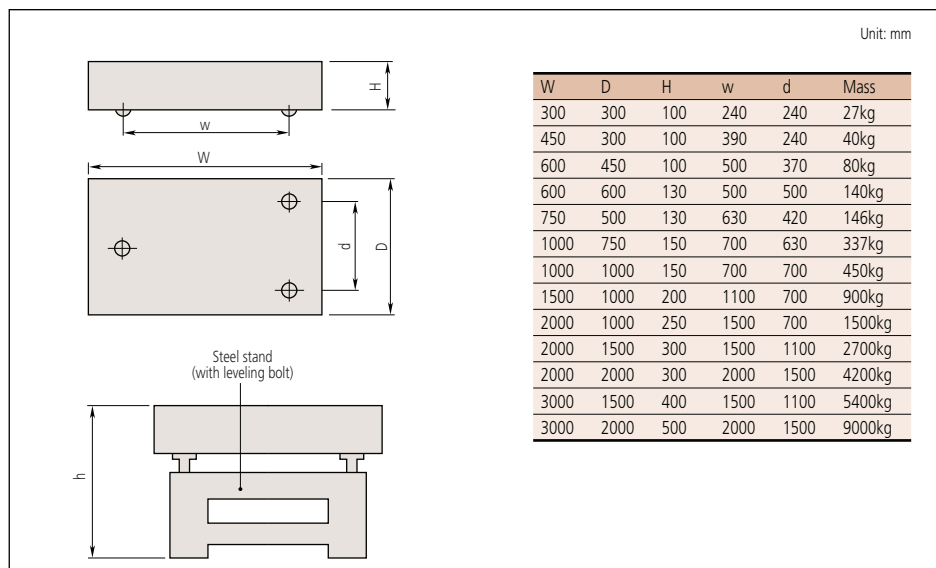
1000 x 750mm



600 x 600mm



### DIMENSION



**\*Suffix Number for Calibration Certificate**

Suffix No.	Calibration certificate
-4	Not provided
K	Provided



**Order to Made Granite Products**

Mitutoyo can produce order to made granite products with your design.

**SPECIFICATIONS**

Grade 00		
Dimensions (W x D x H)	Order No.*	Flatness
300 x 300 x 100mm	517-401	0.002mm
450 x 300 x 100mm	517-411	0.002mm
600 x 450 x 100mm	517-414	0.0025mm
600 x 600 x 130mm	517-403	0.0025mm
750 x 500 x 130mm	517-405	0.003mm
1000 x 750 x 150mm	517-407	0.003mm
1000 x 1000 x 150mm	517-409	0.0035mm
1500 x 1000 x 200mm	517-413	0.004mm
2000 x 1000 x 250mm	517-410	0.0045mm
2000 x 1500 x 300mm	517-416	0.005mm
2000 x 2000 x 300mm	517-417	0.0055mm
3000 x 1500 x 400mm	517-418	0.0065mm
3000 x 2000 x 500mm	517-419	0.007mm

Grade 1		
Dimensions (W x D x H)	Order No.*	Flatness
300 x 300 x 100mm	517-101	0.005mm
450 x 300 x 100mm	517-111	0.006mm
600 x 450 x 100mm	517-114	0.008mm
600 x 600 x 130mm	517-103	0.008mm
750 x 500 x 130mm	517-105	0.009mm
1000 x 750 x 150mm	517-107	0.012mm
1000 x 1000 x 150mm	517-109	0.013mm
1500 x 1000 x 200mm	517-113	0.016mm
2000 x 1000 x 250mm	517-110	0.019mm
2000 x 1500 x 300mm	517-116	0.020mm
2000 x 2000 x 300mm	517-117	0.022mm
3000 x 1500 x 400mm	517-118	0.025mm
3000 x 2000 x 500mm	517-119	0.027mm

Grade 0		
Dimensions (W x D x H)	Order No.*	Flatness
300 x 300 x 100mm	517-301	0.003mm
450 x 300 x 100mm	517-311	0.003mm
600 x 450 x 100mm	517-314	0.004mm
600 x 600 x 130mm	517-303	0.005mm
750 x 500 x 130mm	517-305	0.005mm
1000 x 750 x 150mm	517-307	0.006mm
1000 x 1000 x 150mm	517-309	0.007mm
1500 x 1000 x 200mm	517-313	0.008mm
2000 x 1000 x 250mm	517-310	0.010mm
2000 x 1500 x 300mm	517-316	0.010mm
2000 x 2000 x 300mm	517-317	0.011mm
3000 x 1500 x 400mm	517-318	0.013mm
3000 x 2000 x 500mm	517-319	0.014mm



Stand

**SPECIFICATIONS: Stand**

Applicable surface plate size (W x D x H)	Order No.*	Adjustable height (h) range	Remarks
300 x 300 x 100mm	—	—	—
450 x 300 x 100mm	—	—	—
600 x 450 x 100mm	517-203-4 / 203R / 203CR	755 - 780mm	With levelling bolt
600 x 600 x 130mm	517-204-4 / 204R / 204CR	785 - 810mm	With levelling bolt
750 x 500 x 130mm	517-205-4 / 205R / 205CR	785 - 810mm	With levelling bolt
1000 x 750 x 150mm	517-206-4 / 206R / 206CR	755 - 780mm	With levelling bolt
1000 x 1000 x 150mm	517-207-4 / 207R / 207CR	735 - 775mm	With levelling bolt
1500 x 1000 x 200mm	517-208-4 / 208R / 208CR	735 - 775mm	With levelling bolt
2000 x 1000 x 250mm	517-209-4 / 209R / 209CR	735 - 775mm	With levelling bolt
2000 x 1500 x 300mm	517-210-4 / 210R / 210CR	735 - 775mm	With levelling bolt
2000 x 2000 x 300mm	O6AAY174	700 - 706mm	—
3000 x 1500 x 400mm	O6AAY175	700 - 706mm	—
3000 x 2000 x 500mm	O6AAY176	700 - 706mm	—

\*Suffix "-4\*": Normal type, Suffix "R\*": with safty frame, Suffix "CR\*": with casters